

ABSTRACT OF THE DISCLOSURE

The fuel cell of the present invention comprises: a membrane electrode assembly having a solid polymer electrolyte membrane, an anode side diffusion electrode located at one side of the solid polymer electrolyte membrane, and a cathode side diffusion electrode located at the other side of the solid polymer electrolyte membrane, the anode side diffusion electrode comprising an anode electrode, and a first gas diffusion layer, the cathode side diffusion electrode comprising a cathode electrode, and a second gas diffusion layer; a pair of separators which hold the membrane electrode assembly; and a seal, provided onto the separators, which was liquid sealant at the time of application. The sealant makes contact with at least one of end faces of the first gas diffusion layer and the second gas diffusion layer, while the membrane electrode assembly is located between the separators.